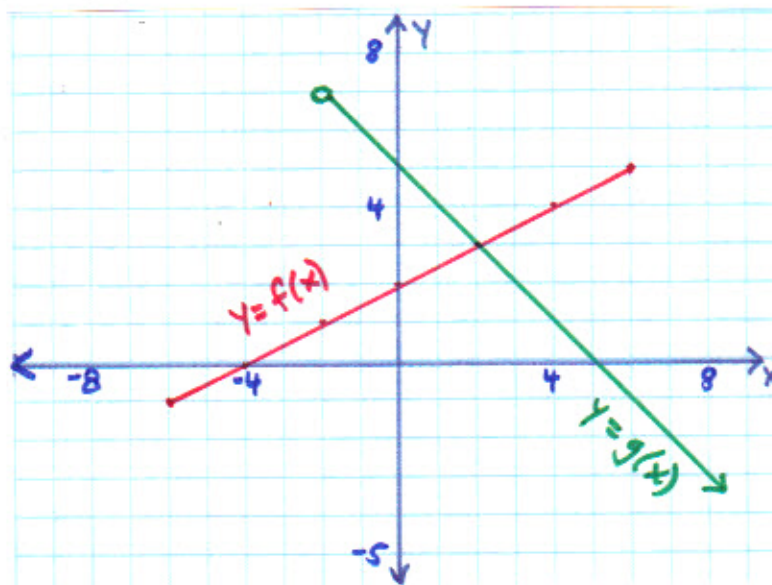
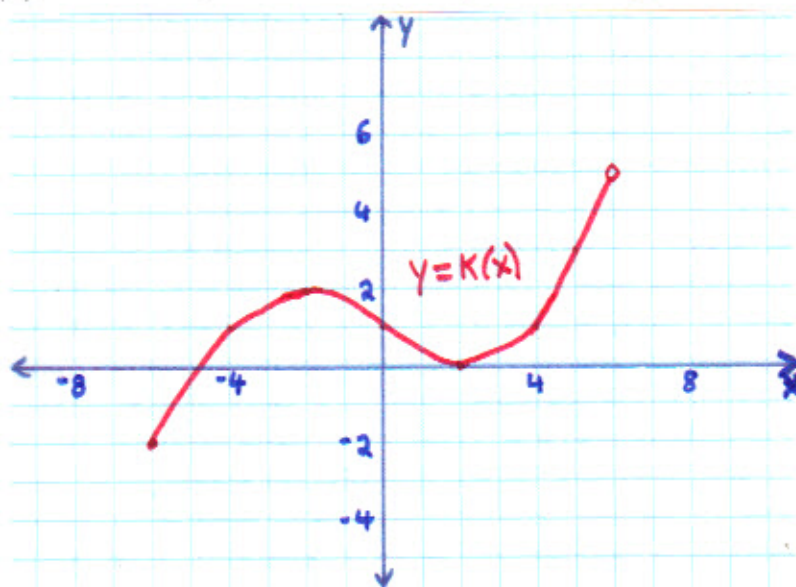


Given the graphs of $f(x)$ and $g(x)$ shown below, answer each of the questions # 1-13.



1. Determine $f(0) =$
2. Determine the value of x for which $g(x) = 0$
3. Determine $f(6) - g(6) =$
4. What is the value of $g(x)$ when $x = 0$?
5. For what values of x is $f(x) > 0$
6. On what interval is $f(x) \leq 0$
7. Determine the value of $f(g(7))$
8. True or False: $g(7) > 0$
9. Determine the domain of $f(x)$
10. True or False: The range of $f(x)$ is $R: [-1, 5]$
11. True or False: The domain of $g(x)$ is $D: (-2, \infty)$
12. Determine the range of $g(x)$
13. On the same coordinate plane above, draw the graph of $|g(x)|$

Given the graph of $k(x)$ shown below, answer each of the questions # 1-15.



1. Determine $k(7) =$
2. How many times does the line with equation $y = 1$ intersect the graph of $k(x)$?
3. How many times does the line with equation $y = 2$ intersect the graph of $k(x)$?
4. How many times does the line with equation $y = 5$ intersect the graph of $k(x)$?
5. Determine the value of $k(k(-2))$
6. On what interval is the graph of $k(x)$ decreasing?
7. On what intervals is the graph of $k(x)$ increasing?
8. Determine the domain of $k(x)$
9. Determine the range of $k(x)$
10. Determine the value of $k(-6) + k(4)$
11. Determine the value of $k(-4) \times k(5)$
12. Determine the value of $|k(-5)|$
13. Determine the interval on which $k(x) < 0$
14. Determine the interval on which $k(x) \geq 0$
15. For approximately what value of x does $k(x) = 4$?